

AMENDMENTS TO THE CLAIMS:

**Please cancel claims 1-2, 6-9, 11-14, and 18-20 without prejudice and disclaimer
and amend claims as follows:**

1. (Canceled)

2. (Canceled)

3. (Currently Amended) The A radio communication system according to claim 1, in which data transmitting and receiving is achieved between a base station and a mobile station based on radio link quality and data delivery confirmation informed from the mobile station to the base station, wherein

the base station comprises means for correcting the radio link quality in accordance with an expectation value of a packet error rate of packet data to be transmitted to the mobile station and a packet error rate of packet data actually received by the mobile station,

wherein when the packet error rate of the received packet data is larger than a preset threshold value, the mobile station provides a recovery period in which a CQI (Channel Quality Indicator) report value offset is made smaller at every detection of error in the received packet data.

4. (Currently Amended) The A radio communication system according to claim 1, in which data transmitting and receiving is achieved between a base station and a

mobile station based on radio link quality and data delivery confirmation informed from the mobile station to the base station, wherein

the base station comprises means for correcting the radio link quality in accordance with an expectation value of a packet error rate of packet data to be transmitted to the mobile station and a packet error rate of packet data actually received by the mobile station,

wherein upon start of assignment of the packet data, the mobile station provides a training period in which the CQI (Channel Quality Indicator) report value offset is made smaller at every detection of error in the received packet data.

5. (Currently Amended) ~~The~~ A radio communication system according to claim 1,
in which data transmitting and receiving is achieved between a base station and a mobile station based on radio link quality and data delivery confirmation informed from the mobile station to the base station, wherein

the base station comprises means for correcting the radio link quality in accordance with an expectation value of a packet error rate of packet data to be transmitted to the mobile station and a packet error rate of packet data actually received by the mobile station,

wherein the base station adjusts the radio link quality by determining a power ratio between a transmission power in the case of transmission with a parameter according to a CQI (Channel Quality Indicator) report value corrected and a transmission power of a parameter in actual transmission.

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Currently Amended) ~~The A~~ base station ~~according to claim 8,~~
for transmitting and receiving data to and from a mobile station based on radio link
quality and data delivery confirmation informed by the mobile station, comprising:
means for correcting the radio link quality in accordance with an expectation
value of a packet error rate of packet data to be transmitted to the mobile station and a
packet error rate of packet data actually received by the mobile station,

wherein the radio link quality is adjusted by determining a power ratio
between a transmission power in the case of transmission with a parameter according to
a CQI (Channel Quality Indicator) report value corrected and a transmission power of a
parameter in actual transmission.

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Currently Amended) ~~The~~ A method of correcting radio link quality information of a radio communication system according to claim 13, in which data transmitting and receiving is achieved between a base station and a mobile station based on radio link quality and data delivery confirmation informed from the mobile station to the base station, the method comprising:

a step executed by the base station of correcting the radio link quality in accordance with an expectation value of a packet error rate of packet data to be transmitted to the mobile station and a packet error rate of packet data actually received by the mobile station,

wherein a recovery period is provided at the mobile station when the packet error rate of the received packet data is larger than a preset threshold value, the recovery period being utilized to make a CQI (Channel Quality Indicator) report value offset smaller at every detection of error in the received packet data.

16. (Currently Amended) ~~The~~ A method of correcting radio link quality information of a radio communication system according to claim 13, in which data transmitting and receiving is achieved between a base station and a mobile station based on radio link quality and data delivery confirmation informed from the mobile station to the base station, the method comprising:

a step executed by the base station of correcting the radio link quality in accordance with an expectation value of a packet error rate of packet data to be transmitted to the mobile station and a packet error rate of packet data actually received by the mobile station,

wherein a training period is provided at the mobile station upon start of assignment of the packet data, the training period being utilized to make the CQI (Channel Quality Indicator) report value offset smaller at every detection of error in the received packet data.

17. (Currently Amended) The A method of correcting radio link quality information of a radio communication system according to claim 13, in which data transmitting and receiving is achieved between a base station and a mobile station based on radio link quality and data delivery confirmation informed from the mobile station to the base station, the method comprising:

a step executed by the base station of correcting the radio link quality in accordance with an expectation value of a packet error rate of packet data to be transmitted to the mobile station and a packet error rate of packet data actually received by the mobile station,

a step executed by the base station of adjusting the radio link quality by determining a power ratio between a transmission power in the case of transmission with a parameter according to a CQI (Channel Quality Indicator) report value corrected and a transmission power of a parameter in actual transmission.

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18. (Canceled)

19. (Canceled)

20. (Canceled)